(12) INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(19) World Intellectual Property Organization International Bureau





(43) International Publication Date 20 January 2005 (20.01.2005)

PCT

(10) International Publication Number WO 2005/004889 A1

(51) International Patent Classification⁷: A61P 13/08, 35/00

A61K 35/78,

(21) International Application Number:

PCT/EP2004/006550

(22) International Filing Date: 17 June 2004 (17.06.2004)

(25) Filing Language:

English

(26) Publication Language:

English

(30) Priority Data: MI2003A001388

8 July 2003 (08.07.2003) IT

(71) Applicant (for all designated States except US): INDENA S.P.A. [IT/IT]; Via Ortles, 12, I-20139 Milano (IT).

(72) Inventors; and

(75) Inventors/Applicants (for US only): BOMBARDELLI, Ezio [IT/IT]; Via Val di Sole, 22, I-20141 Milano (IT). MORAZZONI, Paolo [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT). RIVA, Antonella [IT/IT]; Viale Ortles, 12, I-20139 Milano (IT).

(74) Agents: MINO, JA, Fabrizio et al.; Bianchetti Bracco Minoja S.r.l., Via Plinio, 63, 1-20129 Milano (IT).

(81) Designated States (unless otherwise indicated, for every kind of national protection available): AE, AG, AL, AM, AT, AU, AZ, BA, BB, BG, BR, BW, BY, BZ, CA, CH, CN, CO, CR, CU, CZ, DE, DK, DM, DZ, EC, EE, EG, ES, FI, GB, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LU, LV, MA, MD, MG, MK, MN, MW, MX, MZ, NA, NI, NO, NZ, OM, PG, PH, PL, PT, RO, RU, SC, SD, SE, SG, SK, SL, SY, TJ, TM, TN, TR, TT, TZ, UA, UG, US, UZ, VC, VN, YU, ZA, ZM, ZW.

(84) Designated States (unless otherwise indicated, for every kind of regional protection available): ARIPO (BW, GII, GM, KE, LS, MW, MZ, NA, SD, SL, SZ, TZ, UG, ZM, ZW), Eurasian (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European (AT, BE, BG, CH, CY, CZ, DE, DK, EE, ES, FI, FR, GB, GR, HU, IE, IT, LU, MC, NL, PL, PT, RO, SE, SI, SK, TR), OAPI (BF, BJ, CF, CG, CI, CM, GA, GN, GQ, GW, ML, MR, NE, SN, TD, TG).

Published:

with international search report

For two-letter codes and other abbreviations, refer to the "Guidance Notes on Codes and Abbreviations" appearing at the beginning of each regular issue of the PCT Gazette.

5/004889

(54) Title: HERBAL COMPOSITIONS FOR THE TREATMENT AND PREVENTION OF PROSTATE DISORDERS

(57) Abstract: Disclosed are compositions comprising: a) silymarin or components thereof, in free form or complexed with phospholipids; b) lycopene, in pure form or in the form of *Lycopersicum aesculentum* extract; c) lauric acid or a non-toxic ester or salt thereof or the lipophilic extract of *Serenoa repens*; d) optionally, zinc salts and/or selenium compounds.